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SECTION	I 1. IDENTIFICATION			
Prod	uct name	:	ALUMINA OBSIE	NAN
Prod	uct code	:	00000000005000	2372 00000000050002372
Man	ufacturer or supplier's	deta	ails	
Com	Company name of supplier		Master Builders-0 US, LLC	Construction Systems
Addr	Address		23700 CHAGRIN BLVD Beachwood OH 44122	
Eme	rgency telephone	:	ChemTel: +1-813	-248-0585
Reco	ommended use of the o	cher	nical and restriction	ons on use
Reco	ommended use	:	Product for const	ruction chemicals
Rest	rictions on use	:	Reserved for indu	istrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 1 (Lung)
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H372 Causes damage to organs (Lung) through prolonged or repeated exposure if inhaled.
Precautionary Statements	:	 Prevention: P260 Do not breathe dust or mist. P270 Do not eat, drink or smoke when using this product. P264 Wash face, hands and any exposed skin thoroughly after handling. Response: P314 Get medical advice/ attention if you feel unwell. Disposal: P501 Dispose of contents/container to appropriate hazardous

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waste collection point.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical name	CAS-No.	Concentration (% w/w)
Quartz (SiO2)	14808-60-7	>= 25 - < 75
Limestone	1317-65-3	>= 3 - < 10
Titanium dioxide	13463-67-7	>= 0 - < 3

SECTION 4. FIRST AID MEASURES

General advice :	First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing. Move out of dangerous area. Show this material safety data sheet to the doctor in attend- ance. Do not leave the victim unattended.
If inhaled :	Keep patient calm, remove to fresh air, seek medical atten- tion.
	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact :	Immediately wash thoroughly with soap and water, seek med- ical attention.
In case of eye contact :	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed :	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.
	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
Most important symptoms :	Causes damage to organs through prolonged or repeated

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	and eff delaye	ects, both acute and d		exposure if inhale	d.				
	Notes t	o physician	:	Treat symptomation	cally.				
SEC	SECTION 5. FIRE-FIGHTING MEASURES								
	Suitable extinguishing media		:	Water spray Foam Dry powder Carbon dioxide (CO2)					
	Unsuita media	able extinguishing	:	High volume wate	r jet				
	Specific hazards during fire fighting		:	See SDS section	10 - Stability and reactivity.				
	Hazard ucts	lous combustion prod-	:	harmful vapours nitrogen oxides fumes/smoke carbon black carbon oxides					
	Further	information	:	Use extinguishing	re for chemical fires. measures that are appropriate to local cir- he surrounding environment.				
		l protective equipment fighters	:	Wear self-contain essary.	ed breathing apparatus for firefighting if nec-				
SEC	SECTION 6. ACCIDENTAL RELEASE MEASURES								
	tive equ	al precautions, protec- uipment and emer- procedures	:	Wear eye/face pro	vapour concentration, leave area immedi-				

Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

and safety practice.

Handle in accordance with good building materials hygiene

SECTION 7. HANDLING AND STORAGE

Advice on protection against : Normal measures for preventive fire protection.

SAFETY DATA SHEET

ALUMINA OBSIDIAN

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	fire and	l explosion			
	Advice	on safe handling	:	Smoking, eating a plication area.	pors/dust. ection see section 8. and drinking should be prohibited in the ap- vater in accordance with local and national
	Conditi	ons for safe storage	:	place.	htly closed in a dry and well-ventilated ions / working materials must comply with safety standards.
	Further age cor	information on stor- nditions	:		priginal container in a cool, dry, well- way from ignition sources, heat or flame. t sunlight.
	Materia	ls to avoid	:	No applicable info	rmation available.
	Recom peratur	mended storage tem- e	:	32 °F / 0 °C	
	Further age sta	information on stor- bility	:	Minimum storage	temperature:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Limestone	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
		REL value (Total)	10 mg/m3	NIOSH
		PEL (Respir- able fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
		TWA (Total	15 mg/m3	OSHA P0

sion	Revision Date: 09/23/2020	SDS Number: 000000261507	Date of las Date of firs	t issue: - t issue: 09/23/2020	
1		1	dust)	1	1
			TWÁ (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Res- pirable)	5 mg/m3 (Calcium car- bonate)	NIOSH REL
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH REL
Titani	um dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTLV
			PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
			TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-/
			TWA (total dust)	15 mg/m3	OSHA Z-1
			TWA (Total dust)	10 mg/m3	OSHA P0
			TWA	10 mg/m3 (Titanium dioxide)	ACGIH
Quartz	z (SiO2)	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV
			TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
			OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050
			REL value (Respirable dust)	0.05 mg/m3	NIOSH
			TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1
			TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3
			TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3
			TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0
			TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH
			PEL (respir- able)	0.05 mg/m3	OSHA CAR
			TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
Quart	z (SiO2)	14808-60-7	TWA value (Respirable	0.025 mg/m3	ACGIHTLV

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		1	fraction)	I	1	
			TWA value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
			OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
			REL value (Respirable dust)	0.05 mg/m3	NIOSH	
			TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1	
			TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3	
			TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3	
			TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0	
			TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH	
			PEL (respir- able)	0.05 mg/m3	OSHA CAF	
			TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH REI	
crysta	alline silica	14808-60-7	TWA value (Respirable fraction)	0.025 mg/m3	ACGIHTLV	
			REL value (Respirable dust)	0.05 mg/m3	NIOSH	
			TWÁ value	0.05 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
			OSHA Action level	0.025 mg/m3 (Respirable dust)	29 CFR 1910.1001- 1050	
			TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1	
			TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3	
			TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3	
			TWA (respir- able dust fraction)	0.1 mg/m3	OSHA P0	
			TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH	
			PEL (respir- able)	0.05 mg/m3	OSHA CAR	

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				TWA (Res- 0.05 mg/m3 NIOSH REL pirable dust) (Silica)					
E	Engineering measures			No applicable information available.					
F	Perso	nal protective equipr	nent						
F	Respir	atory protection	:	Wear a NIOSH-certified (or equivalent) respirator as neces- sary.					
ŀ	Hand p	protection							
	Rer	narks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves.					
E	Eye protection		:	Eye wash bottle with pure water Tightly fitting safety goggles					
S	Skin and body protection			: Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.					
		Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice.							
ŀ	Hygier	e measures	:	Wash hands before breaks and at the end of workday.					
SECT). PHYSICAL AND CH	HEMI	CAL PROPERTIES					
A	Appea	rance	:	liquid					
	. .			1					

Color	:	off-white
Odor	:	ammonia-like, slight odour
Odor Threshold	:	No data available
рН	:	9 - 10
Melting point	:	No applicable information available.
Boiling point	:	212 °F / 100 °C
Flash point	:	200.01 °F / 93.34 °C
		200 °F / 93 °C

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	Evapor	ation rate	:	No applicable info	ormation available.
	Flamma	ability (solid, gas)	:	not highly flamma Method: derived	
	Vapor p	pressure	:	No applicable info	ormation available.
	Relative	e vapor density	:	No applicable info	ormation available.
	Relative	e density	:	No applicable info	ormation available.
	Density	,	:	1.9 - 2.25 g/cm3	(68 °F / 20 °C)
	Solubili Wat	ty(ies) er solubility	:	soluble	
	Solu	bility in other solvents	:	No applicable info	ormation available.
	Partitio octanol	n coefficient: n- /water	:	No applicable information available.	
	Autoigr	ition temperature	:	No data available	
	Decom	position temperature	:	No decomposition if stored and handled as pre- scribed/indicated.	
	Viscosi Visc	ty osity, dynamic	:	No applicable info	ormation available.
	Visc	osity, kinematic	:	No applicable info	ormation available.
	Explosi	ve properties	:	Not explosive Not explosive	
	Oxidizir	ng properties	:	Based on its strue as oxidizing.	ctural properties the product is not classified
	Sublima	ation point	:	No applicable info	ormation available.
	Molecu	lar weight	:	No data available)

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac- tions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong acids

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			es lizing agents ucing agents
	ardous decomposition ducts		ous decomposition products if stored and handled ed/indicated.
SECTIO	N 11. TOXICOLOGICAL	INFORMATION	
	ite toxicity classified based on avai	able information.	
	duct:		
Acu	te oral toxicity	: Remarks: N	lo applicable information available.
Acu	te inhalation toxicity	: Remarks: N	o applicable information available.
Acı	te dermal toxicity	: Remarks: N	lo applicable information available.
_	n corrosion/irritation classified based on avai	lable information.	
Ser	ious eye damage/eye ir	ritation	
Not	classified based on avai	lable information.	
Res	spiratory or skin sensiti	zation	
-	n sensitization classified based on avai	lable information.	
	spiratory sensitization classified based on avai	lable information.	
	m cell mutagenicity classified based on avai	lable information.	
	cinogenicity classified based on avai	able information.	
-	productive toxicity classified based on avai	lable information.	
	DT-single exposure classified based on avai	lable information.	

STOT-repeated exposure

Causes damage to organs (Lung) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

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Furti	her information			
Prod	luct:			
Rem	arks	:		not been tested. The statement has been properties of the individual components.
Rem	arks	:	: No data available	
ECTION	I 12. ECOLOGICAL INF	ORM	IATION	
Ecot	oxicity			
No d	ata available			
Pers	istence and degradabi	lity		
No d	ata available			
Bioa	ccumulative potential			
<u>Com</u>	ponents:			
Titar	nium dioxide:			
	tion coefficient: n- nol/water	:	Remarks: not app	blicable
Mob	ility in soil			
No d	ata available			
Othe	er adverse effects			
Prod	luct:			
Addit matic	tional ecological infor- on	:	harmful to aquation The product has	robability that the product is not acutely c organisms. not been tested. The statements on ecotoxi n derived from the properties of the individua

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods		
Waste from residues	:	Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Dispose of in accordance with national, state and local regula- tions. Do not discharge into drains/surface waters/groundwater.
Contaminated packaging	:	Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the sub- stance/product.

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SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

US State Regulations

Pennsylvania Right To Know

Limestone	1317-65-3
Titanium dioxide	13463-67-7
Quartz (SiO2)	14808-60-7
Quartz (SiO2)	14808-60-7
crystalline silica	14808-60-7
New Jersey Right To Know	
Limestone	1317-65-3
Titanium dioxide	13463-67-7
crystalline silica	14808-60-7
California Bran 65	

California Prop. 65

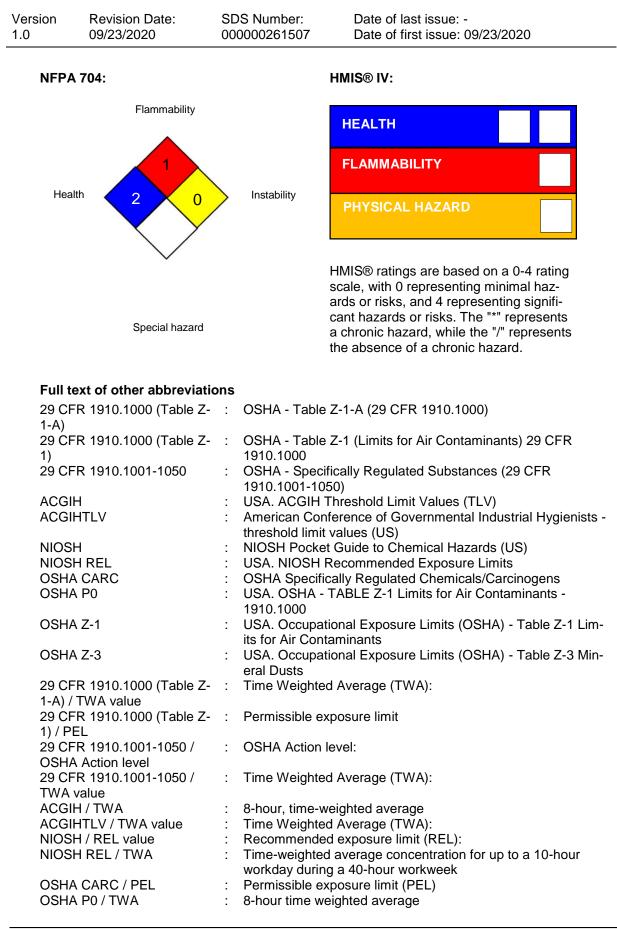
WARNING: This product can expose you to chemicals including ethylene oxide, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:

TSCA : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information



OSHA Z-3 / TWA

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OSH	A Z-1 / TWA	: 8-hour time we	eighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association: IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI -Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ -Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB -Very Persistent and Very Bioaccumulative

8-hour time weighted average

Revision Date

: 09/23/2020

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